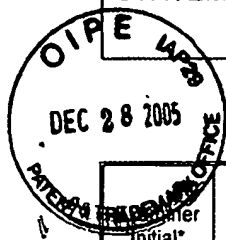


Substitute for form 100, based on 3/08A and 08B

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Application Number	1,900
Filing Date	08/08/2005
First Named Inventor	Jablonski
Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	148-02



## U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
bw	1	6,749,826	6/15/2004	Tillotson et al.	
	2	6,455,021	09/24/2002	Saito	
	3	6,413,487	07/02/2002	Resasco et al.	
	4	6,361,861	03/26/2002	Gao et al.	
	5	6,350,488	02/26/2002	Lee et al.	
	6	6,333,016	12/25/2001	Resasco et al.	
	7	6,331,690	12/18/2001	Yudasaka et al.	
	8	6,331,262	12/18/2001	Haddeon et al.	
	9	6,331,209	12/18/2001	Jang et al.	
	10	6,303,904	10/16/2001	Iwatsubo	
	11	6,183,714	02/06/2001	Smalley et al.	
	12	6,023,479	02/08/2000	Thony et al.	
	13	5,844,932	12/01/1998	Thony et al.	
	14	5,812,308	09/22/1998	Kafka et al.	
	15	5,802,084	09/01/1998	Bowera et al.	
	16	5,764,679	06/09/1998	Shen et al.	
	17	5,753,088	05/19/1998	Olk	
	18	5,689,519	11/18/1997	Fermann et al.	
	19	5,502,737	03/26/1996	Chartier et al.	
	20	5,482,601	01/09/1996	Ohshima et al.	
	21	5,408,480	04/18/1995	Hemmati	
	22	5,119,382	06/02/1992	Kennedy et al.	
	23	4,665,524	05/12/1987	Cotter	
	24	4,597,638	07/01/1986	Chemla et al.	
	25	4,435,809	03/06/1984	Tsang et al.	
	26	4,191,931	03/04/1980	Kuppenheimer	
	27	4,019,156	04/20/1977	Fountain et al.	
	28	3,978,429	08/31/1976	Ippen et al.	
	29	2005/069,669	03/31/2005	Sakaibara et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>
bw	30	WO 03/034142	04/24/2003	Sakakibara et al.		

Examiner Signature		Date Considered	8/20/06
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

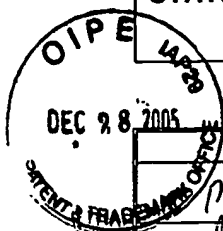
<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.

Substitute for form 1, based on 3/08A and 08B

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Application Number	2,900
Filing Date	06/06/2005
First Named Inventor	Jablonski
Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	148-02



31	JP 200248392	10/04/1990	Yamamoto		
32	JP 2000223012	08/11/2000	Takigawa et al.		
33	JP 2003121892	04/23/2003	Sakakibara et al.		
34	JP 2003248251	09/05/2003	Sakakibara et al.		
35	JP 2004046084	02/12/2004	Sakakibara et al.		
36	JP 2004280028	10/07/2004	Sakakibara et al.		

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE	T <sup>2</sup>
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
m	37	Ando, T (1997) "Excitation in Carbon Nanotubes," <i>J. Phys Soc. Jpn.</i> 66:1066-	
	38	Brabec et al. (1992) "Kerr Lens Mode0Locking," <i>Optics Letters</i> 17:1292-1294	
	39	Chen et al. (2002) "Ultrafast Optical Switch Properties of Single-Wall Carbon Nanotube Polymer Composites," <i>CLEO</i> pp.660, Paper CFH4	
	40	Chen et al. (2002) "Ultrafast Optical Switch Properties of Single-Wall Carbon Nanotube Polymer Composites at 1.55µm," <i>Appl. Phys. Lett.</i> 81(6):975-977	
	41	Collins et al. "Optical Switching of Single-Wall Carbon Nanotube Absorption Through Fled Gating,"	
	42	Doran et al. (1988) "Non-Linear Optical Loop Mirror," <i>Opt. Lett.</i> 14:56-58	
	43	DeSouza et al. (1993) "Saturable Absorber Modelocked Polarisation Maintaining Erbium-Doped Fibers," <i>Electron. Lett.</i> 29:447-449	
	44	Fermann, M.E. (1994) "Ultrashort-Pulse Sources Based on Single-Mode Rare0Earth-Doped Fibers," <i>J. Appl. Phys. B</i> 58:197-209	
	45	Fermann et al. (1990) "Nonlinear Amplifying Loop Mirror," <i>Opt. Lett.</i> 15:752-754	
	46	Ichida et al. (2002) "Coulomb Effects on the Fundamental Optical Transition in Semiconducting Single-Walled Carbon Nanotubes: Divergent Behavior in the Small Diameter Limit," <i>Phys. Rev. B</i> 65:	
	47	Ichida et al. (1999) "Excitation Effects of Optical Transitions in Single-Walled Carbon Nanotubes," <i>J. Phys. Soc. Jpn.</i> 68:3131-3133	
✓	48	Ippen et al. (1989) "Additive Pulse Modelocking," <i>J. Opti. Soc. America B, Opt. Phys.</i> 6:1736-1745	
	49	Kataura et al. (1999) "Optical Properties of Single-Walled Carbon Nanotubes," <i>Synthetic Metals</i> 103:2555-2558	
Examiner Signature			Date Considered 2/20/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.

Substitute for form 10, based on 10/08A and 08B

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Application Number	7,900
Filing Date	08/06/2005
First Named Inventor	Jablonski
Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	148-02



Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>mw</i>	50	Kataura et al. (2000) "Diameter Control of Single-Walled Carbon Nanotubes," <i>Carbon</i> 38:1691-1697	
	51	Keller et al. (1992) "Solid-State Low-Loss Intracavity Saturable Absorber for Nd:YLF Lasers: An Antiresonant Semiconductor Fabry-Perot Saturable Absorber," <i>Opt. Lett.</i> 17(7):505-507	
	52	Keller et al. (1996) "Semiconductor Saturable Absorber Mirrors (SESSAM's) for Femtosecond to Nanosecond Pulse Generation in Solid-State Lasers," <i>IEEE J. Select Topics Quant. Electron.</i> 2:435-453	
	53	Mark et al. (1989) "Femtosecond Pulse Generation in a Laser with Nonlinear External Resonator," <i>Opt. Lett.</i> 14:48-50	
	54	Maruyama et al. (2003) "Synthesis of Single-Walled Carbon Nanotubes with Narrow Diameter-Distribution from Fullerene," <i>Chem. Phys. Lett.</i> 375:553-559	
	55	Maruyama et al. (2002) "Low-Temperature Synthesis of High-Purity Single-Walled Carbon Nanotubes from Alcohol," <i>Chem. Phys. Lett.</i> 360:229-234	
	56	Matsas et al. (1992) "Selfstarting Passively Mode-Locked Fibre Ring Solution Laser Exploiting Nonlinear Polarisation Rotation," <i>Electron. Lett.</i> 28:1391-1393	
	57	Nishide et al. (2003) "High-Yield Production of Single-Wall Carbon Nanotubes in Nitrogen Gas,"	
	58	Sakakibara et al. (2003) "Near-Infrared Saturable Absorption of Single-Wall Carbon Nanotubes Prepared by Laser Ablation Method," <i>Jpn. J. Appl. Phys.</i> 42:494-496	
	59	Set et al. (2003) "A Noise Suppressing Saturable Absorber at 1550 nm Based on Carbon Nanotube Technology," OFC'03, Atlanta, 23-28 March, Paper FL2	
	60	Set et al. (2003) "Mode-Locked Fiber Lasers Based on Saturable Absorber Incorporating Carbon Nanotubes," OFC'03, Atlanta, 23-28 March, Post Deadline Paper PD44	
	61	Set et al. (2003) "A Dual-Regime Mode-Locked/Q-Switched Laser Using a Saturable Absorber Incorporating Carbon Nanotubes (SAINT)," in Proc. CLEO'03, Baltimore, MD paper PDC-A13	
	62	Spence et al. (1991) "60-fsec Pulse Generation from a Self-Mode-Locked Ti: Sapphire Laser," <i>Opt. Lett.</i> 16:42-44	
	63	Tatsuura et al. (2003) "Semiconductor Carbon Nanotubes as Ultrafast Switching Materials for Optical Telecommunications," <i>Adv. Mater.</i> 15:534-537	
	64	Wildoer et al. (1998) "Electronic Structure of Atomically Resolved Carbon Nanotubes," <i>Nature</i> 391:59-62	
	65	Wong et al. (1997) "Self-Switching of Optical Pulses in Dispersion-Imbalanced Nonlinear Loop Mirrors," <i>Opt. Lett.</i> 22:1150-1152	

Examiner Signature	<i>[Signature]</i>	Date Considered	8/24/06
--------------------	--------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.

Substitute for form 1449/PTOL 85/08A and 08B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	10/537,900
Filing Date	June 6, 2005
First Named Inventor	JABLONSKI, Mark K.
Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	148-02

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
<i>DN</i>	1	2002/0176650	11/28/2002	Zhao et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>
<i>DN</i>	2	DE19946182	03-29-2001	Rudolf		

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>DN</i>	3	NAKAZAWA, M., SUZUKI, K., KUBOTA, H., AND KIMURA, Y., "Active Q Switching and Mode Locking in a 1.53- $\mu$ m Fiber Ring Laser with Saturable Absorption in Erbium-Doped Fiber at 4.2K," <i>Optics Lett.</i> 18(1993):1526-1528, Washington, U.S.	
	4	MALYAREVICH, A.M., DENISOV, I. A., YUMASHEV, K.V., DYMSHITS, O.S., ZHILIN A.A., and KANG, U., "Cobalt-doped Transparent Glass Ceramic as a Saturable Absorber Q Switch for Erbium:glass Lasers," <i>Appl. Optics</i> 40(24):4322-4325.	
	5	PRASANKUMAR, R.P., CHUDOBA, C. AND FUJIMOTO, J.G., "Self-starting Mode Locking in a Cr:forsterite Laser by Use of Non-epitaxially-grown Semiconductor-doped Silica Films," <i>Optics Lett.</i> 27(17)(2002):1564-1566.	
	6	GUINA, M., et al., "Harmonic Mode-locked Fiber Laser with Semiconductor Saturable Absorber and Amplitued Modulation," <i>CLEO 2002</i> pp. 562-563.	

Examiner Signature	<i>DN</i>	Date Considered	8/20/06
--------------------	-----------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.